

# How ISO 14001 Can Support and Sustain ISM

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and Guidance

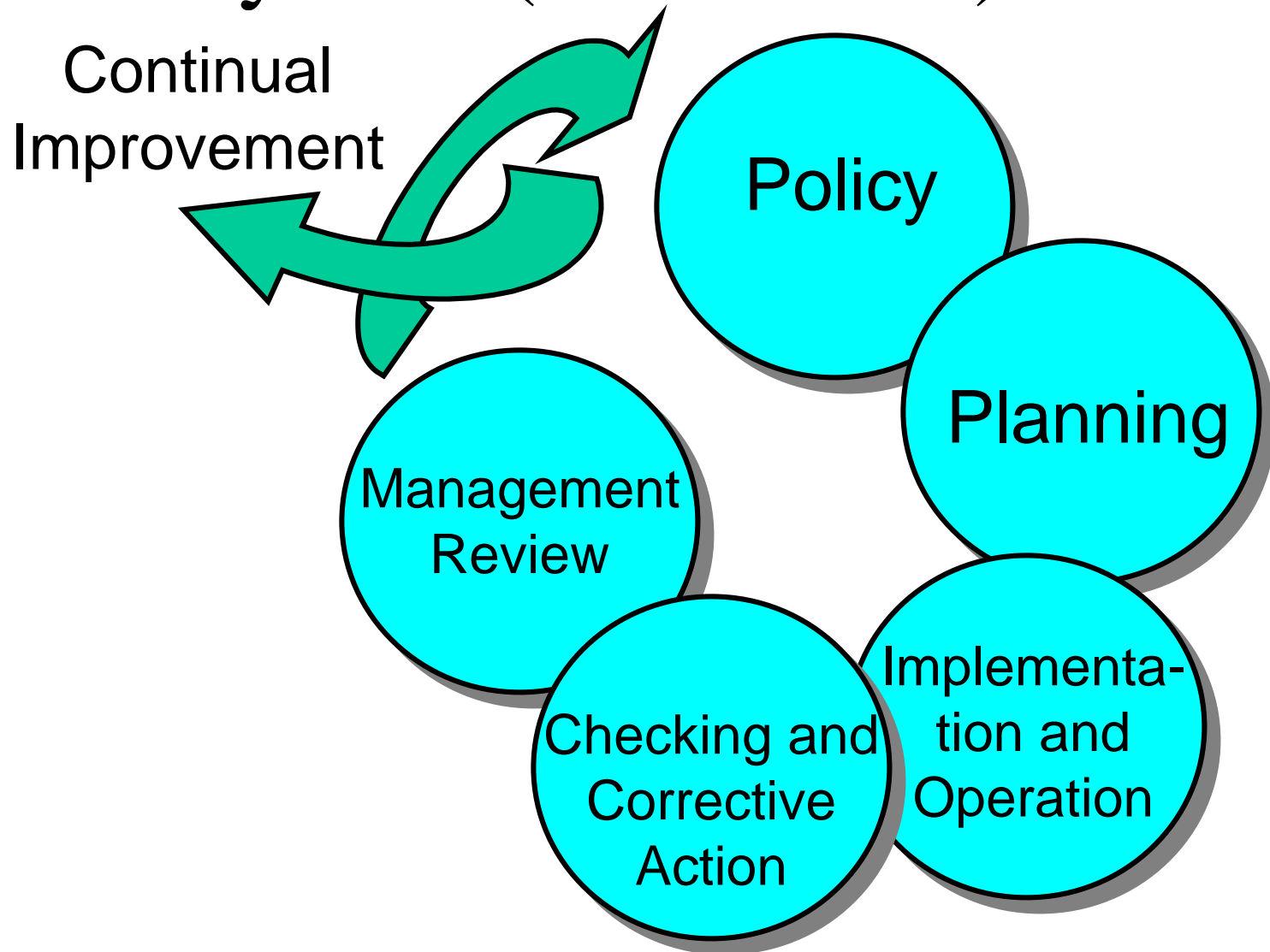
# ISM Requirements

- ‘Protect the public, the worker and the environment’
- Integrated management system
- E.O. 13148 requires an EMS
- ISM is DOE’s ‘umbrella’ management system for ES&H; sites may choose from a variety of tools to implement aspects of ISM

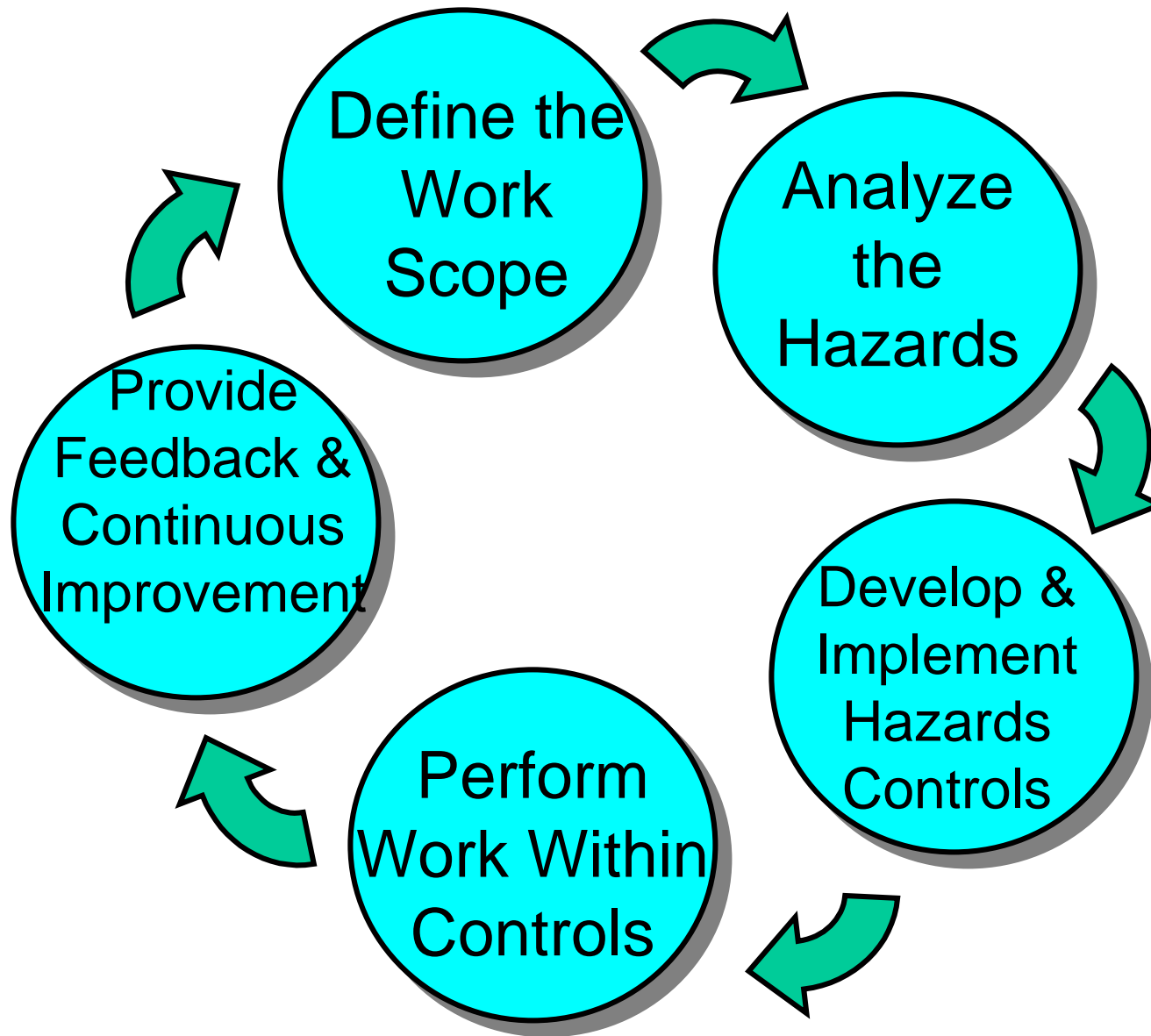
# What is ISO 14001?

- International consensus standard
- Provides a structured specification of management system elements
- Offers third-party registration (optional)
- Fully compatible with ISM
- Unequivocally meets E.O. requirement

# Environmental Management System (ISO 14001)



# ISM Core Functions



# Why have DOE sites adopted ISO 14001?

- Viewed as a competitive advantage
- Move to Industry Standards
- Corporate Policy
- Enforcement and Political Pressure
- Contract Clauses

# Benefits Reported by DOE Sites

- Anticipated cost savings
- Third-party re-audit helps keep sitewide employee focus on environmental issues

# Issues in Integration

- Hazard identification
- Regulatory compliance
- Pollution prevention
- Annual review process



# Synergy with VPP

- Focus on Management Systems
- Going beyond compliance
- Top Management Policy
- Hazard Prevention and Control
- Emergency Response

# Synergy with Responsible Care®

- Pollution Prevention
- Community Awareness
- Flow down to subcontractors
- Emergency Response Program

# Code of Environmental Management Principles

- Issued by EPA in 1996
- Emphasis on compliance and pollution prevention
- Endorsed by DOE
- Compatible with ISM
- Also satisfies EMS requirement of E.O. 13148

# ‘Environmental Performance Track’ -- Recognition for EMS

- ‘Achievement Track’ requires
  - EMS in place (similar to ISO 14001)
  - record of sustained compliance
  - commitment to improvement
  - public outreach and performance reporting
- Several DOE facilities will be recognized next week as ‘charter participants’ by EPA
- ‘Sustainability Track’ requirements will be announced next year

# Conclusion

- By 2005, DOE sites must be able to demonstrate that their ISM system encompasses the elements of an EMS.
- ISO 14001 is a tool which some DOE sites have already successfully used to accomplish this.

# For Additional Information

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